

SaferRoads

TRAFFICOP

Sitecop and Sitecop Plus

TRAFFIC MANAGEMENT SOLUTIONS



TrafiCop™ Speed Cushion Product Information

TRAFICOP

TRAFFIC MANAGEMENT SOLUTION

The Traficop Speed Cushion safely reduces vehicular speeds and excessive average daily traffic through our neighborhood roadways. As our highways and primary roadways become increasingly congested, motorists are utilizing our neighborhood streets as alternate routes, putting the residents in danger. The Traficop Speed Cushion is a safe, smart, and simple solution for calming and managing traffic on residential roadways.



Safe

- Reduces speeds and traffic flow through neighborhood roadways, improving the safety for the residents
- Modular system installs quickly to get the workers feet off the street
- Special cushion design provides effective traffic management with minimal delays in emergency vehicle response times



Smart

- Distinct durable construction and anchoring that will often outlast the roadway of which it is installed
- Special dimensional design slows and deters traffic without impeding emergency vehicles
- Proven effective throughout its entire life cycle



Simple

- A two to three man crew can install a cushion in as little as 45 minutes
- No heavy equipment, or full roadway closures needed for installation or transport
- Preformed modules eliminate complex field engineering



85th Percentile Data:

Typical volume of traffic reduced 15 - 25%



TrafiCop™ Speed Cushion Product Information



Purpose:

In an attempt to return these neighborhood streets back to the neighbors, many communities are experimenting with various methods and devices for calming the increase of through-traffic to a range of degrees of success. Along with easy installation, durability and a cleaner appearance, the TrafiCop provides safety for residents, motorists and installers, making it the superior choice for traffic management solutions.

Modular Design:

The TrafiCop Speed Cushion is assembled with modular units that are both durable and manageable. Each module is manufactured with a composite of long-wearing recycled rubber and fuel and weather resistant premium two-part polyurethane compressed at 160 tons. The result is a device **far more durable than the road itself**. Preformed modules eliminate field engineering and ensure consistent and precise installations. The modules' sizes and weights permit handling and transporting without heavy equipment. Multiple units **can be hand loaded and transported in a standard pickup truck**. The modular design also allows the cushion's size to be customized for special applications. Additionally, each module is specially designed to absorb energy and produce a uniquely quiet form of traffic management.



Installation:

The TrafiCop Speed Cushion's modular design and exclusive anchoring system ensure a quick, easy and safe installation. Simply lay out the unit, drill the holes, insert the patented anchors and resin, bolt it down and it is ready for traffic. **A two to three man crew can install a cushion in as little as 45 minutes**. No heavy equipment, shorter lane closures and quick installation result in decreased labor and asset expense, fewer traffic disruptions and less employee exposure.

Configuration:

The recommended configurations of TrafiCop Speed Cushions provide an efficient and effective traffic management device. Common configurations are in pairs, one TrafiCop in each opposing lane of traffic. On road widths over 22 ft., a third or fourth TrafiCop can be incorporated into the layout. When compared to a full width device, **the TrafiCop configuration prevents unsafe and damaging water damming, allows multimodal use by cyclists skaters, and most importantly, minimizes emergency vehicle delays**.



Emergency Vehicle Friendly:

The TrafiCop Speed Cushion is the **preferred traffic management device among fire and rescue departments**. With other traffic management devices, emergency response times can be delayed up to 9 times longer than with the TrafiCop. Although it effectively reduces the speed of privately owned vehicles, it allows **emergency vehicles, which have a wider axle-width, to straddle and pass with minimal delay**.

Effect:

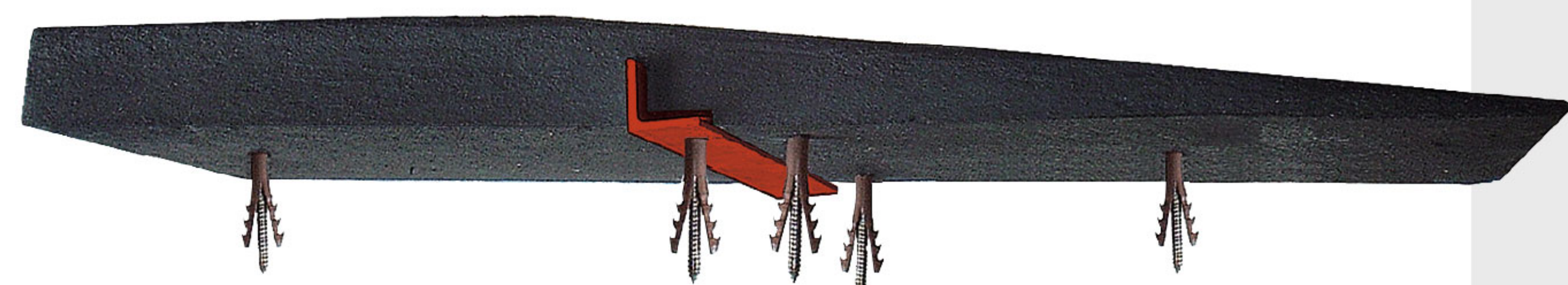
A traffic management program is judged by its effectiveness in reducing vehicle speed and accidents. There is considerable data from authorities world-wide showing the effectiveness of the TrafiCop Speed Cushion. Reductions in the standard deviations of speed create a more even speed distribution and reports show that the **85th percentile speed reductions remain consistent over time. Typical volume of traffic is reduced between 15-25%**.

TrafiCop History:

The TrafiCop Speed Cushion is a time-proven traffic management device. Over the past 15 years **more than 25,000 Traficops have been installed** worldwide, some with over 8 million hits. Over 8,800 tons of recycled rubber have been converted to TrafiCop products.

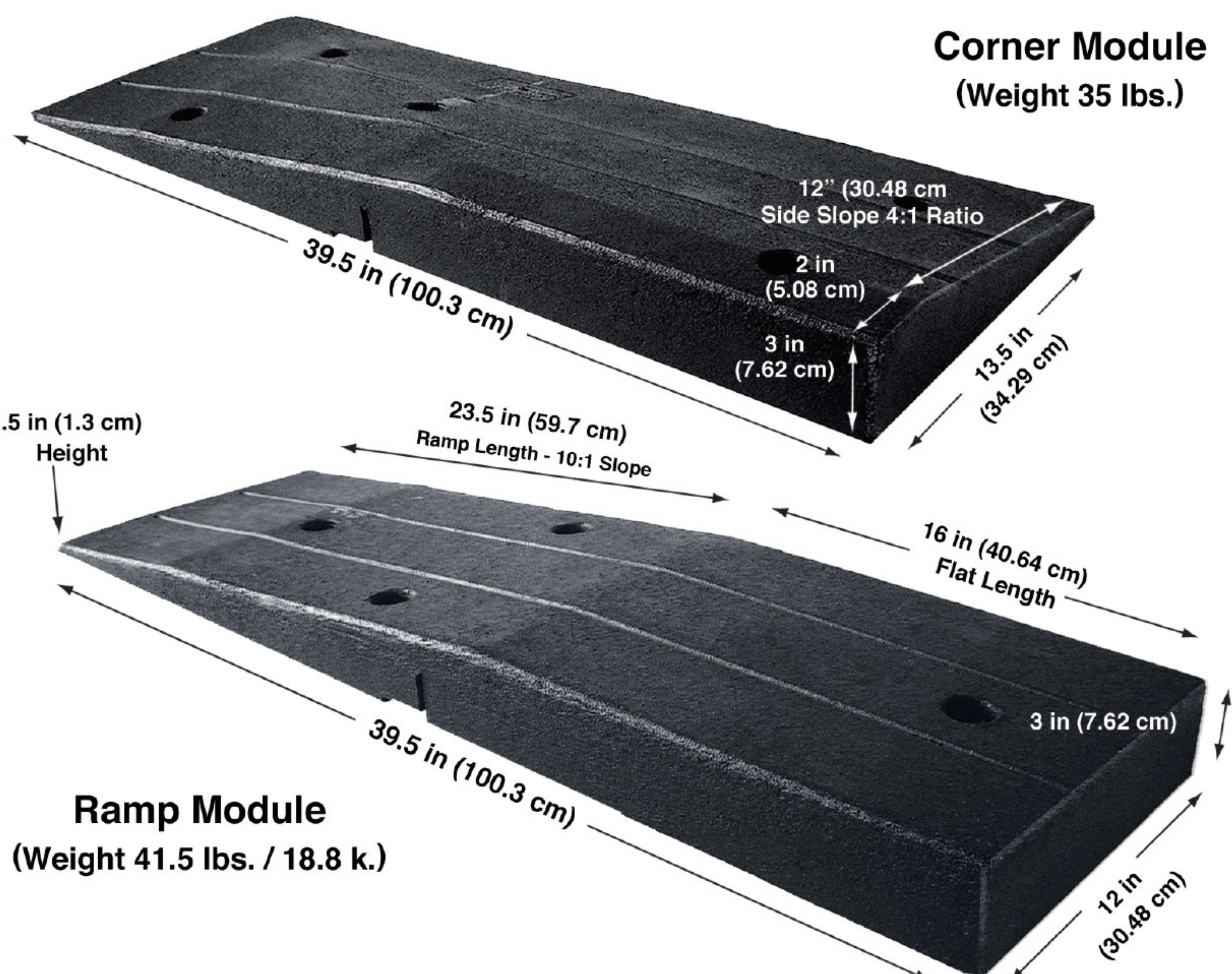


TrafiCop™ Speed Cushion Technical Data



Anchor System:

The Traficop Speed Cushion's exclusive anchor system ensures a **secure and lasting device**. This anchor system incorporates patented RediPlug nylon anchors, two part epoxy resin, premium stainless steel lag bolts and washers and steel reinforcing bars. The steel reinforcing bars run under the ramps, from one corner module to the other, spreading the force of impact and providing additional anchor points to the ground. **Individual modules or entire cushions can be removed and relocated.**



General:

Preformed rubber/polyurethane composite speed cushion. Modular design to allow the length and width to be easily adjusted by adding or changing modules

Material:

100% recycled rubber
2 part polyurethane binder



Specifications:

Hardness: Minimum 65° Shore A
Specific Gravity: 1.13
Skid Resistance: 89 (dry)
Tensile Strength: 500 psi
Deform Rate: None

Dimensions (Standard Traficop):

Length: 6.5 ft.
Width: 6.25 ft.
Thickness: 3 in.

Markings:

Entrance arrow made of white retro-reflective pavement marking tape 24 inches wide by 24 inches high. Marking is molded into the cushion during manufacturing.

Anchor Devices and Assembly:

Reinforcing Bars (provide cushion stability and structural integrity)
Reinforcing Bar Anchors - 10mm OD by 100mm A4 stainless steel Torx Head screws.
Module Anchors - 10mm OD by 120mm A2 stainless steel lag bolts and 10mm SS washers.
Quick set two-part polyester resin (secures RediPlug in pavement).
Patented RediPlug anchor - 14mm OD by 10mm ID by 100mm long.

Crumb to Cushion



Recycled Rubber Shard

+



2-part Polyurethane Binder

+



160 Tons Pressure

=



Traficop Module

When seconds count, you can count on ...

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Slows Down P.O.V.'s Not Emergency Vehicles

- Special width design allows straddling by E.V.'s
 - Minimal delay in emergency response times
- Minimal impact for occupants, aptients and equipment
- Reduced wear on on E.V.'s and public service vehicles

Sitecop and Sitecop Plus



Sitecop™ and Sitecop Plus™ reduce speeds in areas where pedestrians and motor vehicles most intersect, parking areas and perimeter roadways. These complex, congested areas are prone to vehicular damage and pedestrian injuries. The Sitecop and SitecopPlus are safe, smart, and simple countermeasures for accidents and injuries in these environments.



Safe

- Reduces speeds in congested areas providing for a safer environment for both pedestrians and motorists
- High visibility with molded-in reflective markings
- Minimum delays of emergency vehicles when configured properly



Smart

- Durable construction and anchoring system out performs all other alternatives
- Variable gradient designs effectively manages speeds from 5mph to 20mph
- Modular design allowing for customization specific to the project's needs



Simple

- Quick and easy to install and can be relocated
- No heavy equipment needed for installation or transport
- No complex or inconsistent field engineering

Sitecop and SitecopPlus Effectively Control Speeds Under 20 mph...

- Commercial Parking Lots
- Parking Garages
- Low Speed Roadways

Modular Design

Customized configurations: Sitecop and SitecopPlus offer a unique combination of features to meet a wide range of speed reduction and traffic management applications.

- Sitecop and SitecopPlus consist of center modules 19.68" wide and matching end cap module 9.84" wide
- Manufactured from hard wearing recycled rubber
- Configured for emergency vehicles



Sitecop™ and Sitecop Plus™

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